



**Creative Bus Sales, Inc.**

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## **Caltrans Type V CNG – Medium Bus** **ElDorado National Aerotech 220 CNG**



**Type V CNG - Bus ElDorado National - Aerotech 220 CNG**  
**(12) Passengers + (2) Wheelchairs or (18) Passengers (Optional)**

### **State Procurement Equipment Features/Options:**

**Air Conditioning (A/C):** Type V CNG - vehicles require dual compressors capable of producing 67,000 BTU's. The condenser for the air conditioner is mounted in the body skirt with a minimum of two cooling fans.

**Heater:** Each vehicle has a front Ford factory installed heater and rear floor high output auxiliary heater mounted behind the rear wheelhousing or under a rear seat. The rear heater shall be equipped with brass gate valve(s) that are clearly marked on the outside of the bus as to it's location. The total output of the auxiliary heater system shall not be less than 40,000 BTU's. The placement of the heater must be approved by the procuring agency.

**Engine CNG:** Type V has a standard OEM Ford CNG 5.4 Liter EFI V-8 cylinder engine.

**Standard Fuel Package:** 14.2 g.g.e. **Extended Range Package** - (Optional)

**Backup Alarm:** Connected with back-up lights to produce an intermittent sound to warn others while bus is in reverse.

**Rear Obstacle Detection System:** Alerts driver with a low pitched interrupted tone when an obstacle is detected at about ten feet from the vehicle. The tone bursts increase in frequency as the vehicle gets closer to the object.

**(Optional) Rear Suspension:** Chassis rear leaf spring hangers and shackles shall be replaced with a hanger and rubber shear spring assembly MOR/Ryde "RL" rear suspension system.

**Steering:** Tilt Wheel, Cruise Control and Power Steering are standard.

**Color:** The standard color is a high quality white enamel that matches the OEM cab paint. Special paint and graphics to match existing fleet are available as an option. Wheels come factory painted gray, painted white or powder coated are available as an option.

**Striping:** Two five inch transit stripes running the full length of the vehicle are standard. Color choices will be made available to you at the time of order or you may delete stripes.

**Passenger Seating:** All passenger seats for the Type V buses are one or two position bench type modules of not less than 17.5" in width. All seats are track mounted for easy removal, forward facing and are equipped with a folding aisle armrest. An energy absorbing grab handle is provided at the top of each seat. All seating meets or exceeds the Federal Transit Administration Recommended Fire Safety Practices for Transit Bus and Van Materials Selection. All metal surfaces are powder coated. **Optional:** Three-Step-Folding (Foldaway) and Mid-High Flip passenger seats.

**Drivers Seat:** Heavy-duty fabric or vinyl seat upholstery is standard. Mid-back bucket type with mechanical reclining backrest, adjustable headrest, four-way adjustable lumbar and flip-up right hand armrest. The fabric color shall match passenger seats. A smoked plexiglass panel 3/8" thick shall be provided behind driver from top of driver's seat to within 6" of ceiling.

**Mobility Aid Lift:** At buyers option, a Braun Model 917IB or Ricon S-2005 series will be installed as the standard lift. The lift position is available in front or rear of the rear axle at no additional charge. The floorplans will vary significantly depending on the lift position.

**Lift Interlock:** The interlock shall be a fully automatic, solid state, microprocessor-controlled unit Intermotive ILIS 501 capable of self-diagnosis. Interlock shall utilize an LED display panel to show subsystem status. Interlock must prevent driving the vehicle with parking brake left on.

**Wheelchair Positions:** Each vehicle shall be equipped with two forward facing mobility aid securement and occupant restraint systems. Each securement system shall consist of four (4) adjustable securement strap assemblies which attach to the structural frame of the mobility aid at four separate points, and anchor into flanged "L" track on the vehicle floor at four separate points. A web cutter for emergency use along with a torso pad is provided with each vehicle.

**Wheelchair Securements:** The securement system shall be Q'Straint Securement System model QRT Q 8100-A1 with Part number Q-8100-A1-H-L or approved equal. Retractors MUST be AUTOMATIC SELF-LOCKING and SELF-TENSIONING. The Q Straint 5001-T and Kinedyne FE500 Series systems having overcenter buckles for the rear two tie downs and cam style for the front two points of securement shall also be made available upon request at no additional cost.

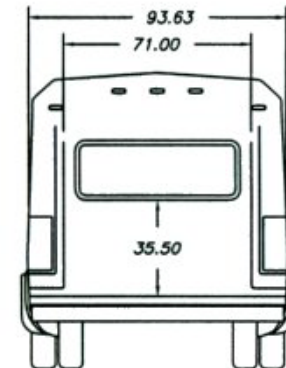
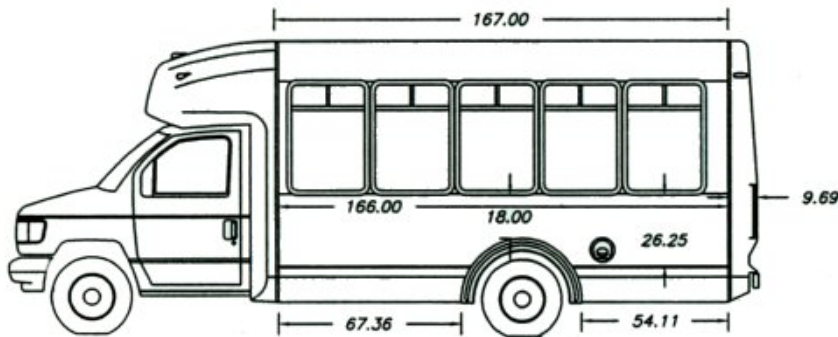
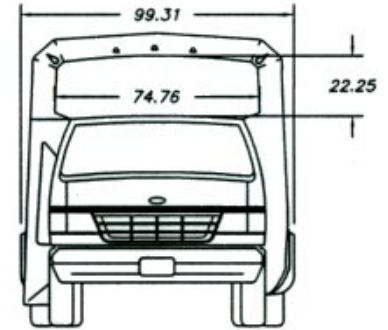
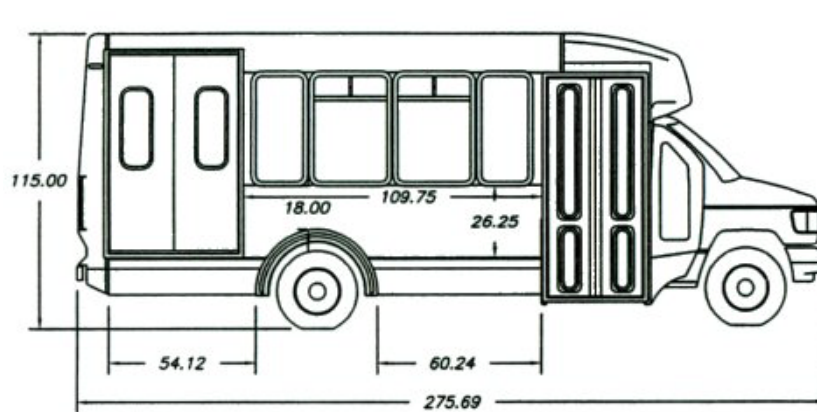
**Alternator/Battery:** Standard 130 amp alternator for Type V and dual batteries. One installed under the hood and the auxiliary battery stored in a locking weather protected sliding type battery box on the curbside behind the passenger door.

**Radio:** AM/FM/Cassette with four speakers installed front and rear. Roof access for installing radio antenna with 5/8" conduit with antenna pull wire terminating behind driver's seat.

**Flooring:** The aisle, entrance and step tread areas are covered (in one-piece) with ribbed, marbleized charcoal in color, nonskid-type transit rubber flooring. All other areas shall be not less than .3175 cm (1/8") thick of the same type except it may be ribbed or smooth. A standee line is required.

**Windows:** All side windows are top vented to allow for ventilation. All rear and passenger glass is tinted to a maximum of 31% light transmission in the passenger compartment.

**Lights:** L.E.D. stop and turn signals including center-mounted brake light are standard.



158" WHEELBASE 41.50 X 29.50 WINDOWS SHOWN

